

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,963,146 B2
DATED : November 8, 2005
INVENTOR(S) : Zecca et al.

Page 1 of 6

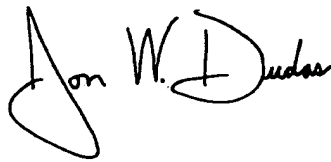
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings.

Figs. 1-4, should be deleted and replaced with the drawings sheets, consisting of Figs 1-4, as shown on the attached pages.

Signed and Sealed this

Sixth Day of June, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Zecca et al.

(10) Patent No.: **US 6,963,146 B2**
(45) Date of Patent: **Nov. 8, 2005**

(54) **MODULAR POWER CONTROL APPARATUS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(h) by 495 days.

(21) Appl. No.: **10/072,755**

(22) Filed: **Feb. 7, 2002**

(65) **Prior Publication Data**
US 2002/0105228 A1 Aug. 8, 2002

Related U.S. Application Data

(60) Provisional application No. 60/267,167, filed on Feb. 7, 2001.

(51) Int. Cl.⁷ **B60L 1/00**
(52) U.S. Cl. **307/9.1; 307/10.1**
(58) Field of Search **307/9.1, 10.1,**
307/38-41, 43

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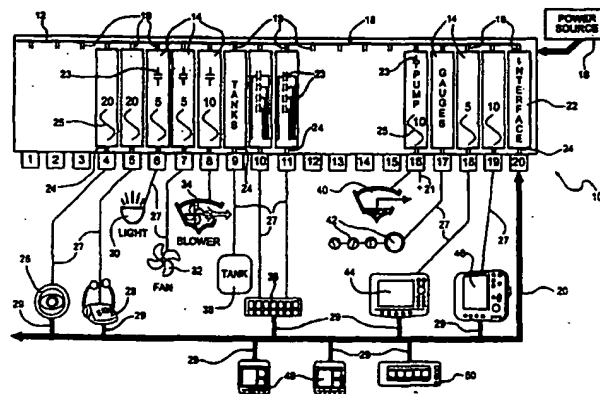
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(57) **ABSTRACT**

A modular power control apparatus for use with a plurality of peripheral devices. A plurality of modules, which connect to the peripheral devices, are supported by a housing. An interface module is supported by the housing to selectively interface with the plurality of modules for routing data to an appropriate module and peripheral device. A data communication cable is connected to the interface module for transferring data between the interface module and anyone of a variety of devices. A power source is also connected to the housing. The vehicle assembly is characterized by a modular connector supported by the housing and electrically connected to the power source. The modular connector includes a plurality of identical slots with the plurality of modules and the interface module being electrically connected to any one of the identical slots to transfer data between the modules and to provide electrical power to at least one of the modules, thereby facilitating communication with the peripheral devices and providing electrical power to at least one of the peripheral devices within the vehicle assembly.

56 Claims, 3 Drawing Sheets



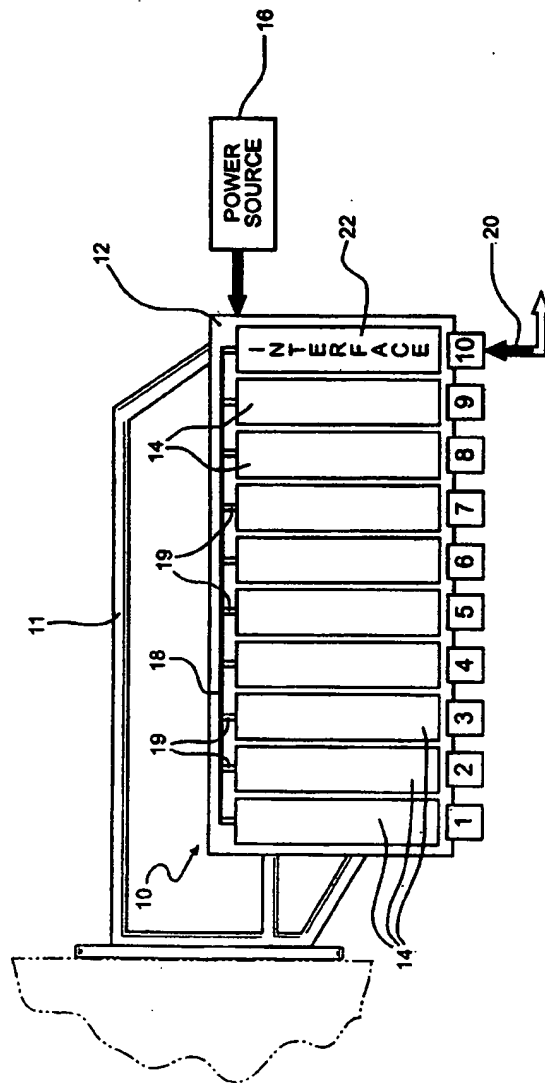
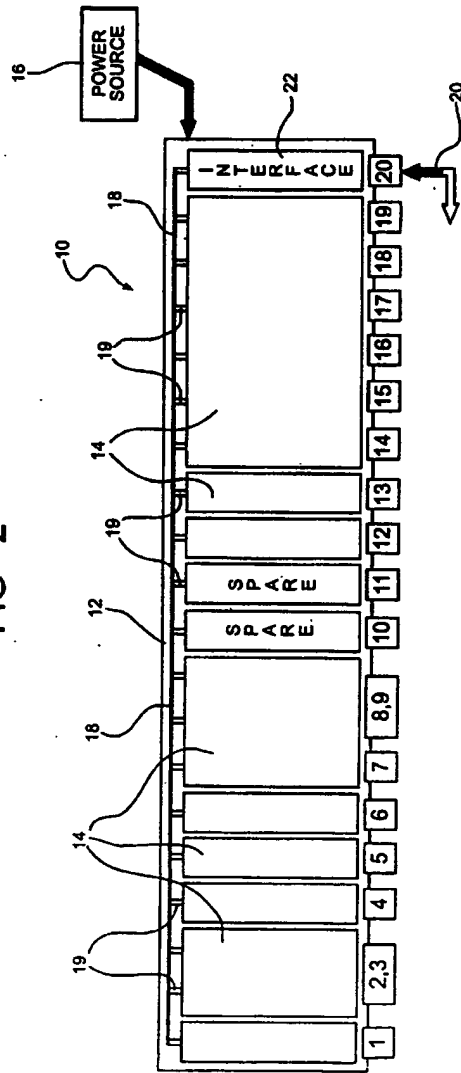
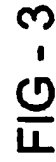


FIG - 1

FIG - 2





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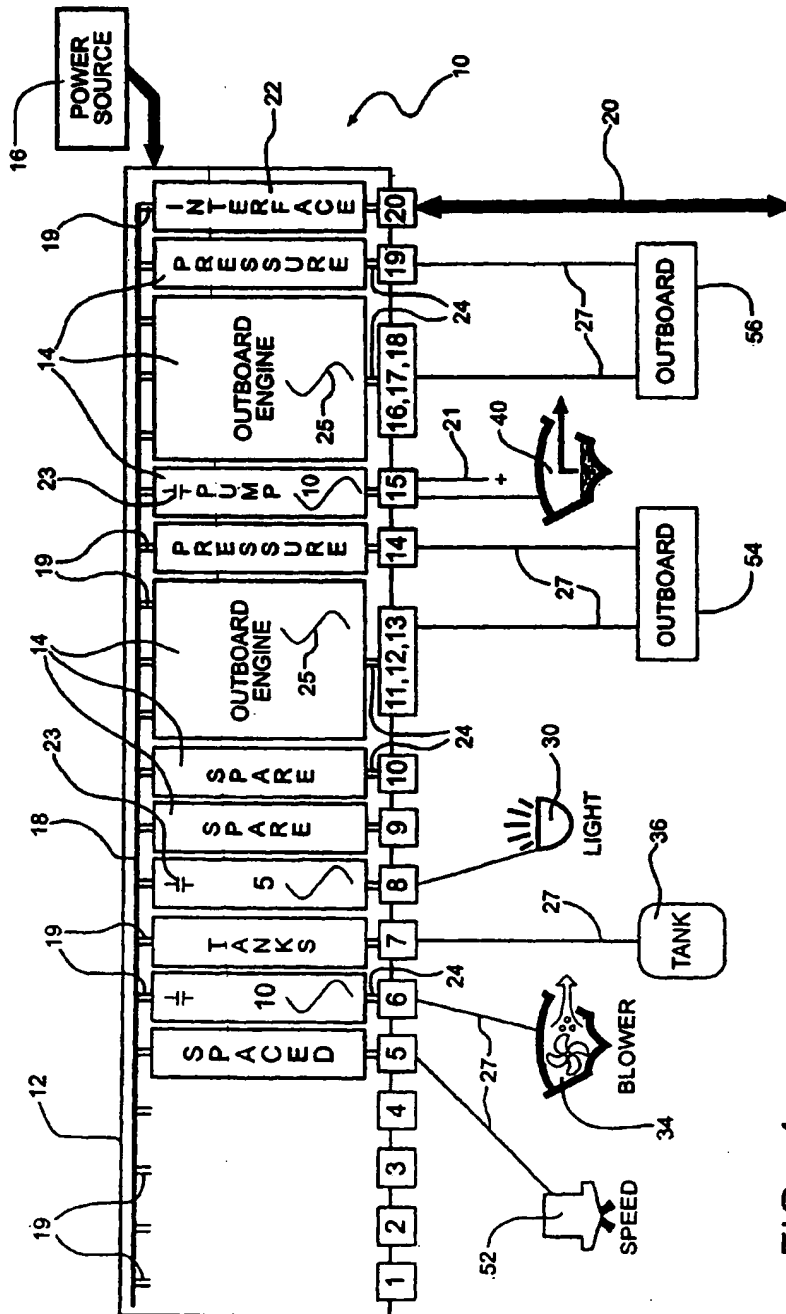


FIG - 4